CONTENTS

VOL. XXVII, 1948

	Page
Election of Members, Meeting of Council, October 30th, 1947	16
"Welding versus Casting and Riveted Structures," by J. G. Noble, A.M.I.Mech.E., A.M.I.Struct.E.	19
"Cold Forging," by C. J. Whitcombe	23
Appointment of Education Officer (Mr. T. B. Worth, M.I.P.E.)	45
Presidential Address to London Section by F. P. Laurens, O.B.E., M.I.P.E.	65
"Commercial Possibilities of the Lost Wax Process" by A. Short, Grad.I.P.E.	85
Institution Personalities—1 : Sir Claude Gibb, C.B.E., M.I.P.E.	105
Election of Members, Meeting of Council, January 22nd, 1948	117
Reception for Education Officer	119
"Experimental Work in Technical Colleges," by T. B. Worth, A.M.I.Mech.E., A.M.I.E.E., M.I.P.E.	127
"Foremen and Their Duties" by E. Mensforth, C.B.E., M.A., M.I.P.E.	137
Institution Personalities—2 : Mr. J. T. Kenworthy, M.I.P.E.	159
Richard Hazleton Memorial Library	167
"The Gap Between the Production Engineer and the Manager," by W. C. Puckey, M.I.P.E., F.I.I.A. ...	173
Institution Personalities—3 : Mr. W. C. Puckey, M.I.P.E., F.I.I.A.	215
"Application of the Photogrid Technique to Drawing Problems," by Kenneth L. Jackson, M.Sc.(Eng.), A.M.I.Mech.E., Grad.I.P.E.	237
"Modern Mining Machinery" by J. W. L. Anderson, B.Sc.	241
"Apprenticeship Training" by B. P. Cooper, M.I.Mech.E.	257
Institution Personalities—4 : Mr. H. W. Bowen, O.B.E., M.I.P.E.	279

Contents—*cont.*

	Page
"The Relationship Between Research and Production Engineering," by W. Armstrong, M.B.E., M.I.P.E., C. L. David, M.I.P.E. and R. J. Mitchell, M.I.P.E. ...	285
"History and Development of the Automatic Loom" by H. de G. Gaudin, B.A., A.M.I.Mech.E. ...	299
Institution Personalities—5 : Major C. B. Thorne, M.C. (*Director and General Secretary*)	321
Election of Members, Meeting of Council, April 22nd, 1948	330
"Wire Drawing" by H. Richards	333
"A Visit to Europe" by T. R. Gupta, M.I.P.E.	365
The Late Mr. H. A. Hartley, M.I.P.E.	383
Graduateship Examination, 1948	386
Lord Austin Prize, 1948	396
"The Planning of Technical Papers and Reports" by The Education Officer	397
"Rolling Bearing Applications" by R. K. Allan, M.I.P.E., A.M.I.Mech.E.	401
Institution Personalities—6 : Mr. C. T. Skipper, M.I.Mech.E., M.I.P.E.	435
Election of Members, Meeting of Council, July 15th, 1948 ...	444
Engineering Abstracts	447
"Various Aspects of Inspection of Production," by B. McMahon, M.I.P.E.	449
"Various Aspects of Inspection of Production," by F. Nourse	457
Institution Personalities—7 : Mr. R. Blackburn, O.B.E., M.I.P.E., F.R.Ae.S.	485
Associate Membership Examination, by The Education Officer	495
Balance Sheet and Income and Expenditure Account for the Year Ended June 30th, 1948...	500
"An Approach to Planning for Production" by J. W. Buckley, M.I.P.E.	503
"Management" by Lt.-Col. C. W. Mustill, M.B.E., M.I.P.E. A.M.I.Mech.E.	515

Contents—*cont.*

	Page
First National Convention : Index to Proceedings	535
Institution Personalities—8 : Sir Lionel Kearns, C.B.E., B.A., M.I.P.E.	675
Annual General Meeting, October 28th, 1948	697
" Calculation of Drawing Strains in Circular Shells," by K. L. Jackson, M.Sc.(Eng.), A.M.I.Mech.E., Grad.I.P.E.	709
" The Metallurgical Aspects of the Machinability of Steel " by L. W. Johnson, M.Met., M.I.Mech.E., M.I.P.E. ...	725